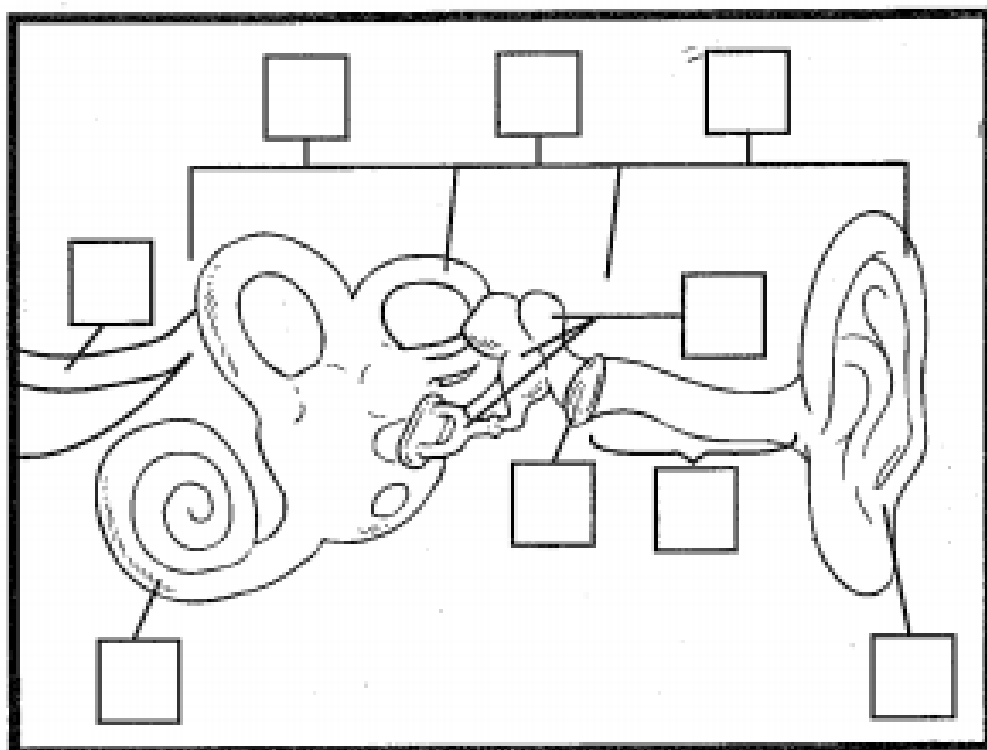


# Gettin' Down With Sound

Randy Rocker's ears have heard their share of sounds over the years! Label each part of Randy Rocker's ear with the correct letter. Then number the steps to show the path that the rock 'n' roll sound waves must travel in order for Randy to hear them.



- A Ear Canal
- B Middle Ear
- C Cochlea
- D Hammer, Anvil, and Stirrup
- E Inner Ear
- F Outer Ear
- G Nerve Leading to Brain
- H Pinna
- I Eardrum

- \_\_\_\_\_ Sound waves travel down the ear canal until they reach the eardrum.
- \_\_\_\_\_ Randy's brain decodes the messages from the nerve and he hears the sound.
- \_\_\_\_\_ The vibrations move tiny hairs connected to nerve cells that send impulses to the nerve leading to Randy's brain.
- \_\_\_\_\_ Randy's pinna collects sound waves and acts as a funnel to move them into the ear canal.
- \_\_\_\_\_ The vibrations produced by the eardrum move through the small bones of Randy's middle ear—the hammer, anvil, and stirrup.
- \_\_\_\_\_ The vibrations then move through the fluid that fills the cochlea, a shell-shaped organ in Randy's inner ear.
- \_\_\_\_\_ The sound waves make Randy's eardrum vibrate (move quickly back and forth).

